

## CLAIMS

1. A method for recording environmental data, the method comprising the steps of:
  - 5 physically integrating an environmental data recording device with a base station of a mobile radio network; and
  - recording the environmental data via the environmental data recording device.
- 10 2. A method for recording environmental data as claimed in claim 1, wherein the environmental data recording device is at least partially disposed within the base station.
- 15 3. A method for recording environmental data as claimed in claim 1, the method further comprising the step of:
  - connecting sensors to the environmental data recording device via one of lines and radio, the sensors measuring data including at least one of air pollution data, pollen data, weather data, air pressure data, temperature data, UV index data and wind strength data.
- 20 4. A method for recording environmental data as claimed in claim 3, the method further comprising the step of:
  - forwarding the data, via one of the environmental data recording device and the sensors, to the base station via an interface which is respectively one of line-
  - 25 based and radio-based.
5. A method for recording environmental data as claimed in claim 1, the method further comprising the step of:
  - forwarding the recorded environmental data to a computer of a mobile radio
  - 30 network operator located outside a mobile station.

6. A method for recording environmental data as claimed in claim 1, the method further comprising the step of:

transmitting the recorded environmental data, according to a customer  
5 profile of at least one mobile radio subscriber, to at least one mobile radio subscriber in point-to-point or broadcast fashion.

7. An apparatus for recording environmental data relating to the environment of the apparatus, comprising:

10 sensors to record the environmental data; and  
interfaces to transfer the environmental data from the sensors to a base station of a mobile telecommunications network in which the apparatus is disposed.

8. An apparatus for recording environmental data as claimed in claim 7, wherein the apparatus is physically integrated in the base station.

15 9. An apparatus for recording environmental data as claimed in claim 7, wherein the sensors sense at least one of air pollution data, pollen information data, weather data, air pressure data, temperature data, UV index data and wind strength data.

20 10. An apparatus for recording environmental data as claimed in claim 7, wherein at least one of the apparatus and the sensors are connected to at least one of a power supply of the base station and data lines to the base station.

25 11. A base station for a mobile telecommunications network, comprising an apparatus for recording environmental data relating to the environment of the apparatus, the apparatus being connected via interfaces to sensors which record the environmental data, such that the environmental data is transferred to the base station via the interfaces.